

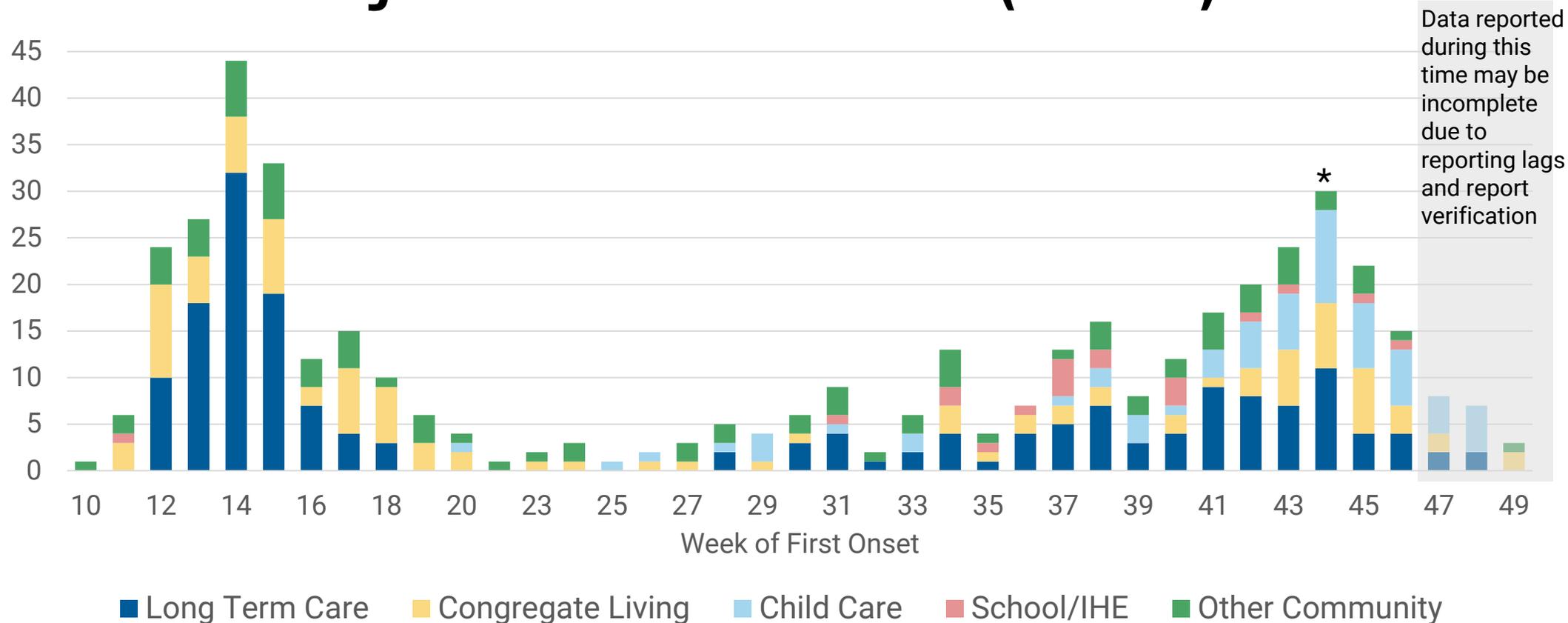


# Congregate Facility Responses & Community Outbreaks

**Data through week of 12/5/2020 (Week 49)**

**All data are preliminary and subject to change as cases are investigated**

# Increasing Reports of COVID-19 Outbreaks by Week of First Onset<sup>§</sup> (N=449)



Data is reported by MMWR week, which is the week of the year assigned by the National Notifiable Diseases Surveillance System for the purposes of disease reporting. Week 10 began on March 1.

<sup>§</sup>If symptom onset dates are unknown, the first test date is used. Four outbreaks are excluded from this graph due to missing onset dates.

\*Illinois Department of Public Health criteria for defining an outbreak in non-healthcare community and school settings was updated from 2 or more cases to 5 or more on October 27.

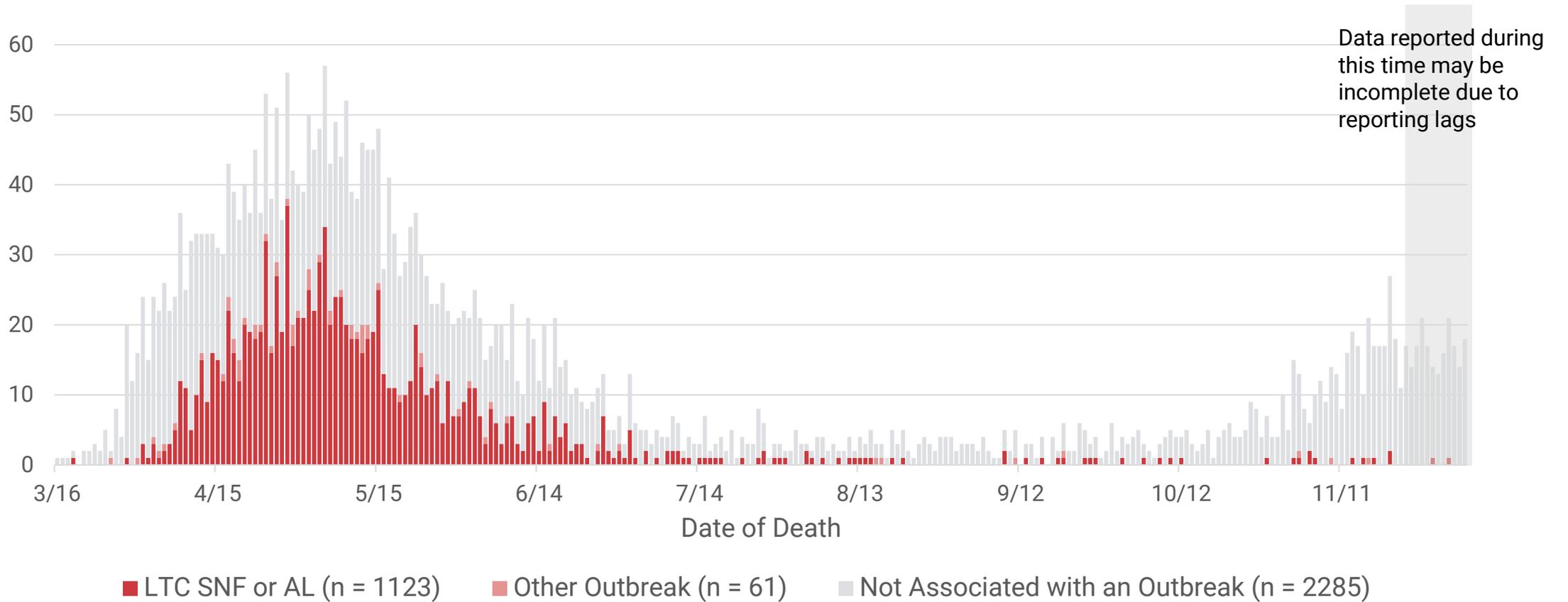
Outbreaks in congregate care living facilities including long-term care, acute care and critical access hospitals, and child care settings remain at 2 or more cases. Cases must have symptom onsets within 14 days of each other and be epidemiologically linked to the outbreak setting.

Long-term care includes, skilled nursing and assisted living facilities. Congregate living includes, correctional facilities, homeless shelters, group homes, and other residential care facilities.

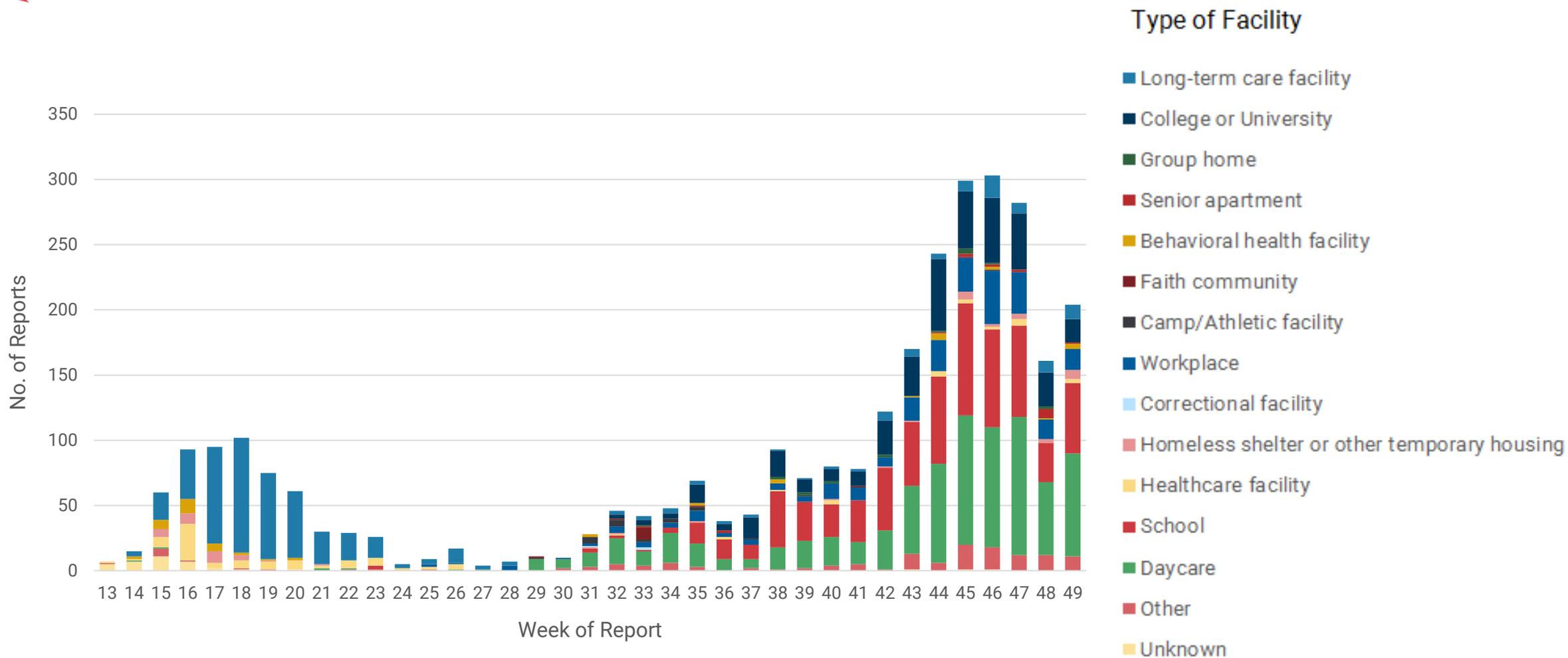
School/IHE includes, K-12 schools and institutes of higher education



# Confirmed COVID-19 Deaths are Increasing Citywide (grey) but Rarely Associated with a Known Outbreak (red)



# Reports of Clusters and Individual Cases by Facilities Increased Since Last Week: but not back to pre-Thanksgiving levels



Data is reported by MMWR week, which is the week of the year assigned by the National Notifiable Diseases Surveillance System for the purposes of disease reporting. Week 13 began on March 22. Reporting mechanisms for different facility types have changed over time.



# **Workplaces & Community Settings**

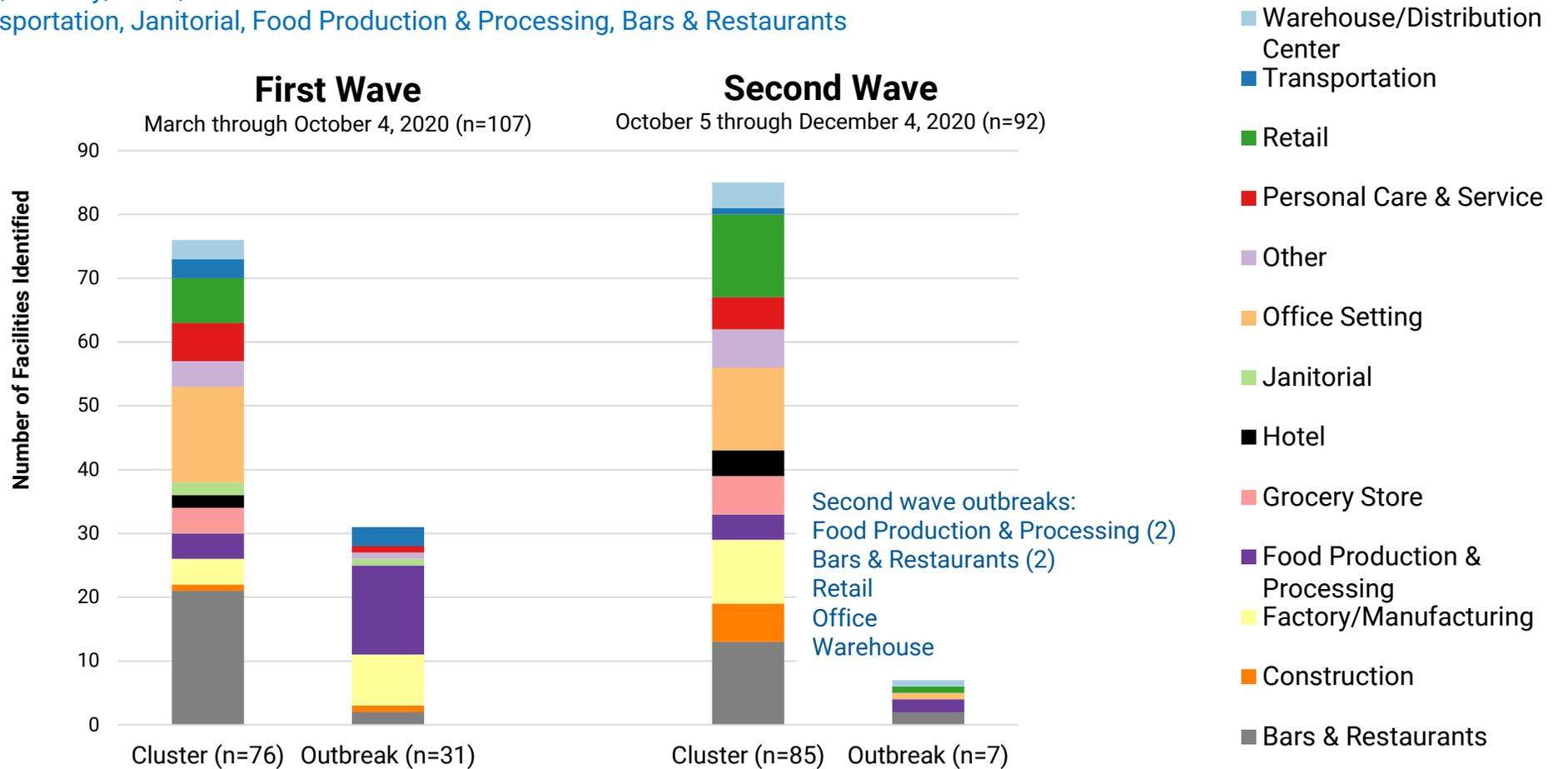




# Number of Workplace-Associated Clusters and Outbreaks\* (n=199) by Industry Subtype and Identification Date: First Wave vs Second Wave, 2020

Increases: Retail, Grocery, Hotel, Construction

Decreases: Transportation, Janitorial, Food Production & Processing, Bars & Restaurants



\*Public Health Guidance Changes:

1) Effective 10/01/20: Public Health Order 2020-2 mandates reporting of: any businesses who suspend operations due to COVID-19 cases among employees or patrons, and any with knowledge of 5+ cases among employees or patrons within a 14-day period. 2) Effective 10/27/20: Outside of congregate care, daycare and acute/critical access hospital settings, IDPH has raised the threshold for outbreak definition to five or more laboratory-confirmed cases. "First Wave" outbreaks shown with < 5 confirmed cases include 2 in food production, 1 restaurant and 1 in manufacturing.





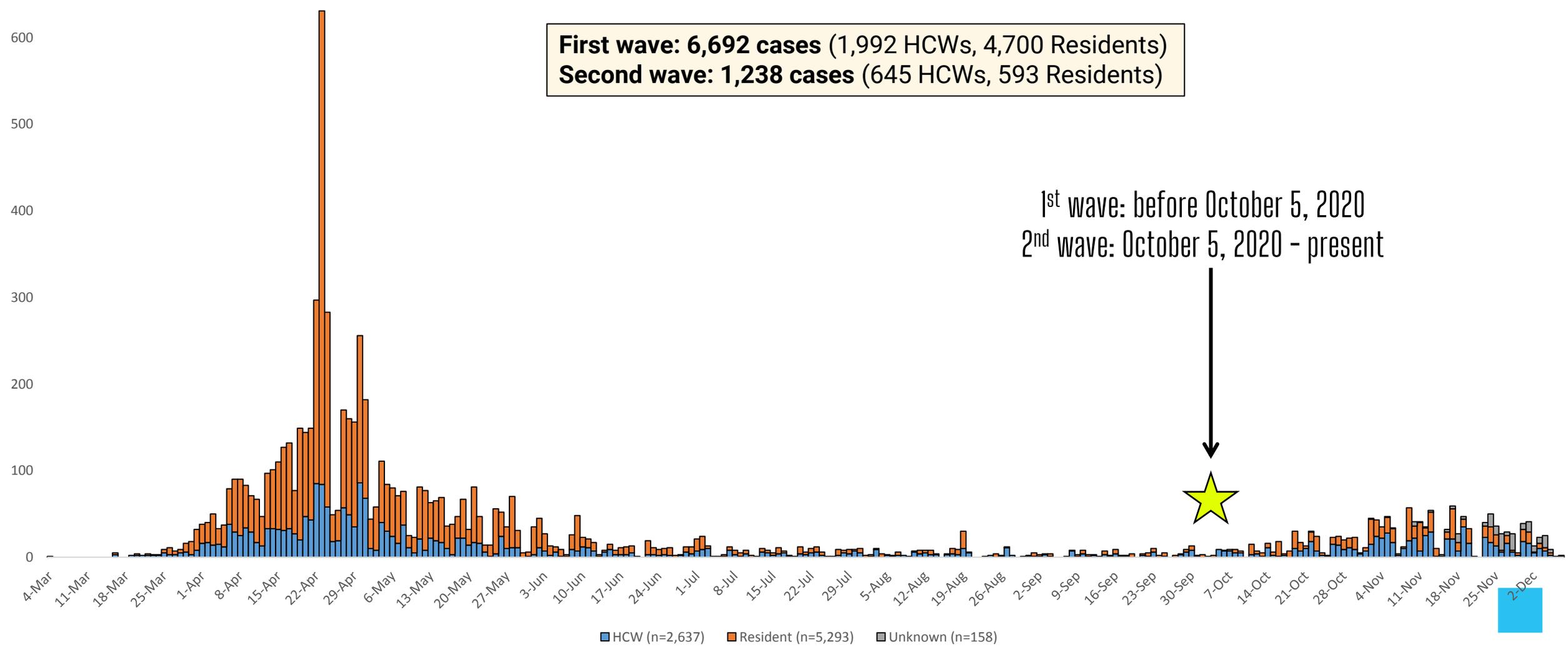
# **Healthcare**

## **(Skilled Nursing Facilities)**



# COVID-19 Cases in Skilled Nursing Facilities: First vs. Second Wave

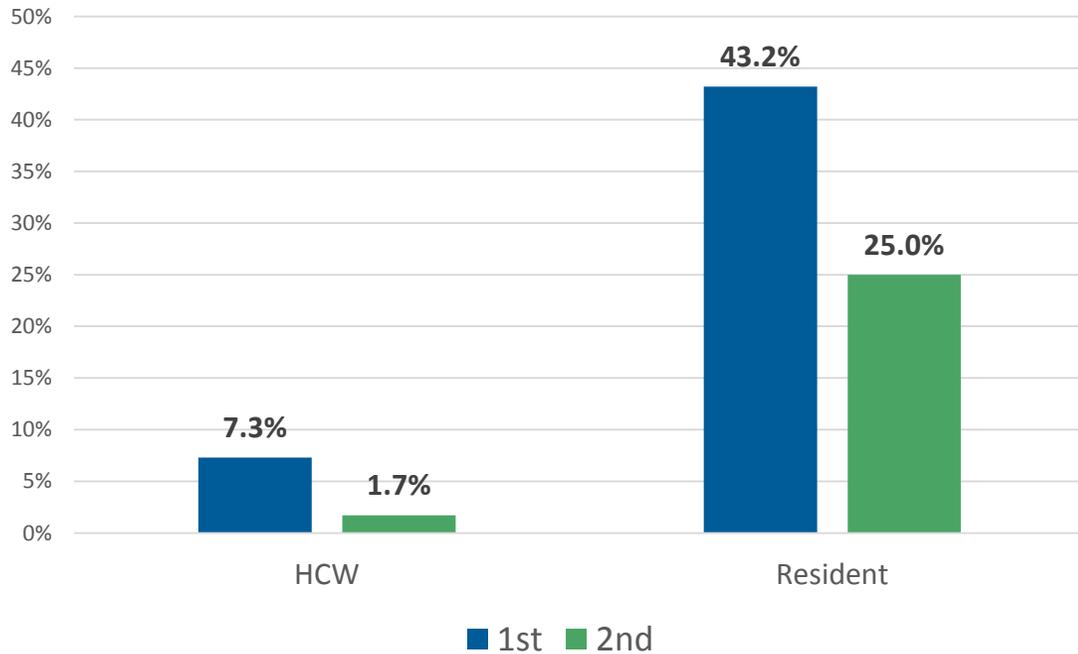
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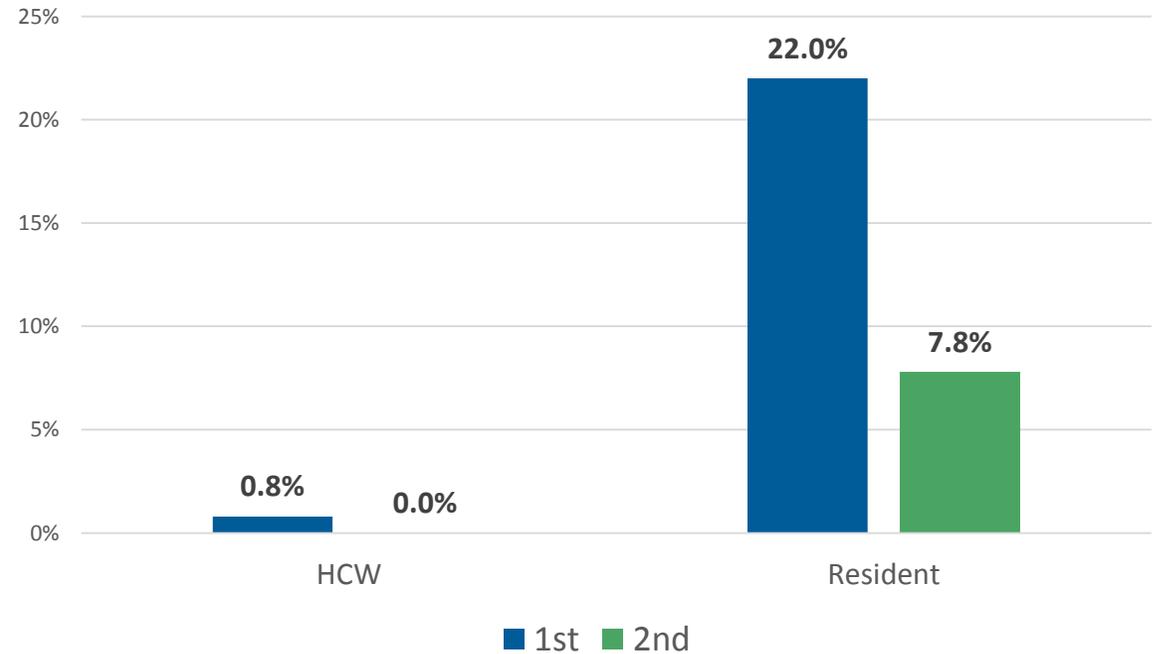


# Severe outcomes among healthcare workers and residents in skilled nursing facilities have decreased between the first and second waves

## Hospitalizations



## Deaths

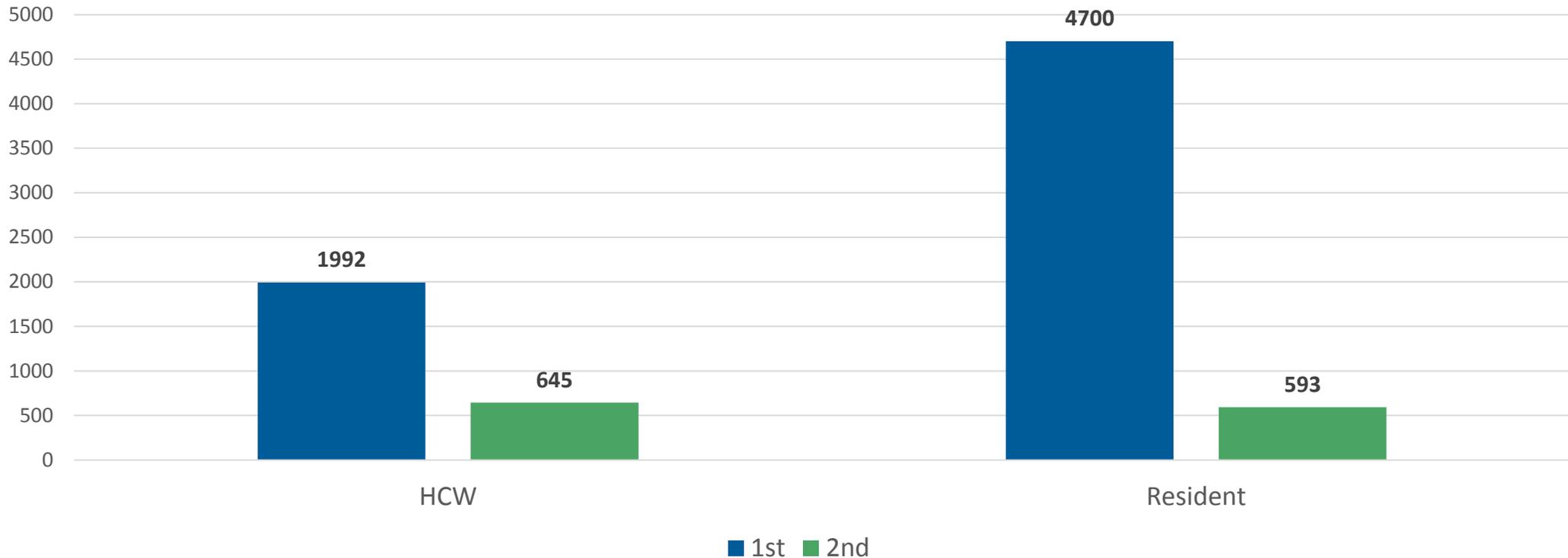


**First wave: 6,692 cases (1,992 HCWs, 4,700 Residents)**  
**Second wave: 1,238 cases (645 HCWs, 593 Residents)**

First wave is defined as prior to October 5. Second wave is defined as October 5 to present.  
HCW = healthcare worker. Data as of 12/8/2020. 158 cases with unknown role were excluded from the analysis.



# Fewer healthcare workers and residents in skilled nursing facilities have been diagnosed with COVID-19 during the second wave compared to the first



**First wave: 6,692 cases (1,992 HCWs, 4,700 Residents)**  
**Second wave: 1,238 cases (645 HCWs, 593 Residents)**

First wave is defined as prior to October 5. Second wave is defined as October 5 to present.  
HCW = healthcare worker. Data as of 12/8/2020. 158 cases with unknown role were excluded from the analysis.



# Child Care & Schools

Caution: Data may be incomplete and should be interpreted with caution given slowed processing times during the second surge and increased reporting delays due to operational burden on facilities and increased testing turn-around times



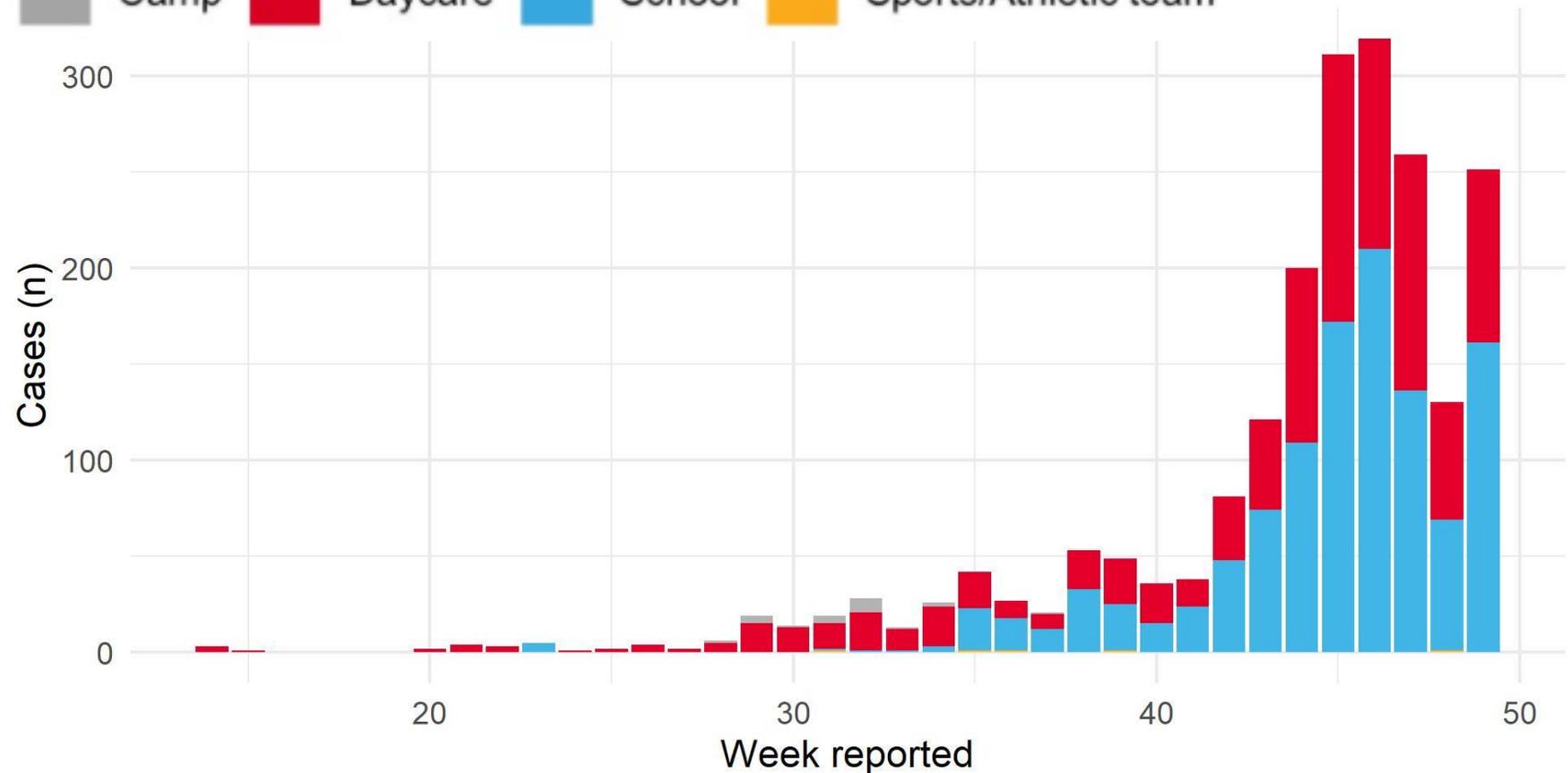
# Volume of Facility-Associated Cases\* in Youth Settings

## Increased Again Likely Due to Return from Holiday

Facility type

- Camp
- Daycare
- School
- Sports/Athletic team

- Schools:** 161 new cases reported from 52 facilities
  - 56% report more than one case
  - 0 outbreaks\*\*
- Daycares:** 90 new cases reported from 60 facilities
  - 10 outbreaks\*\*\*
  - 7 outbreaks are only 2 cases



\*By report date (week 49)

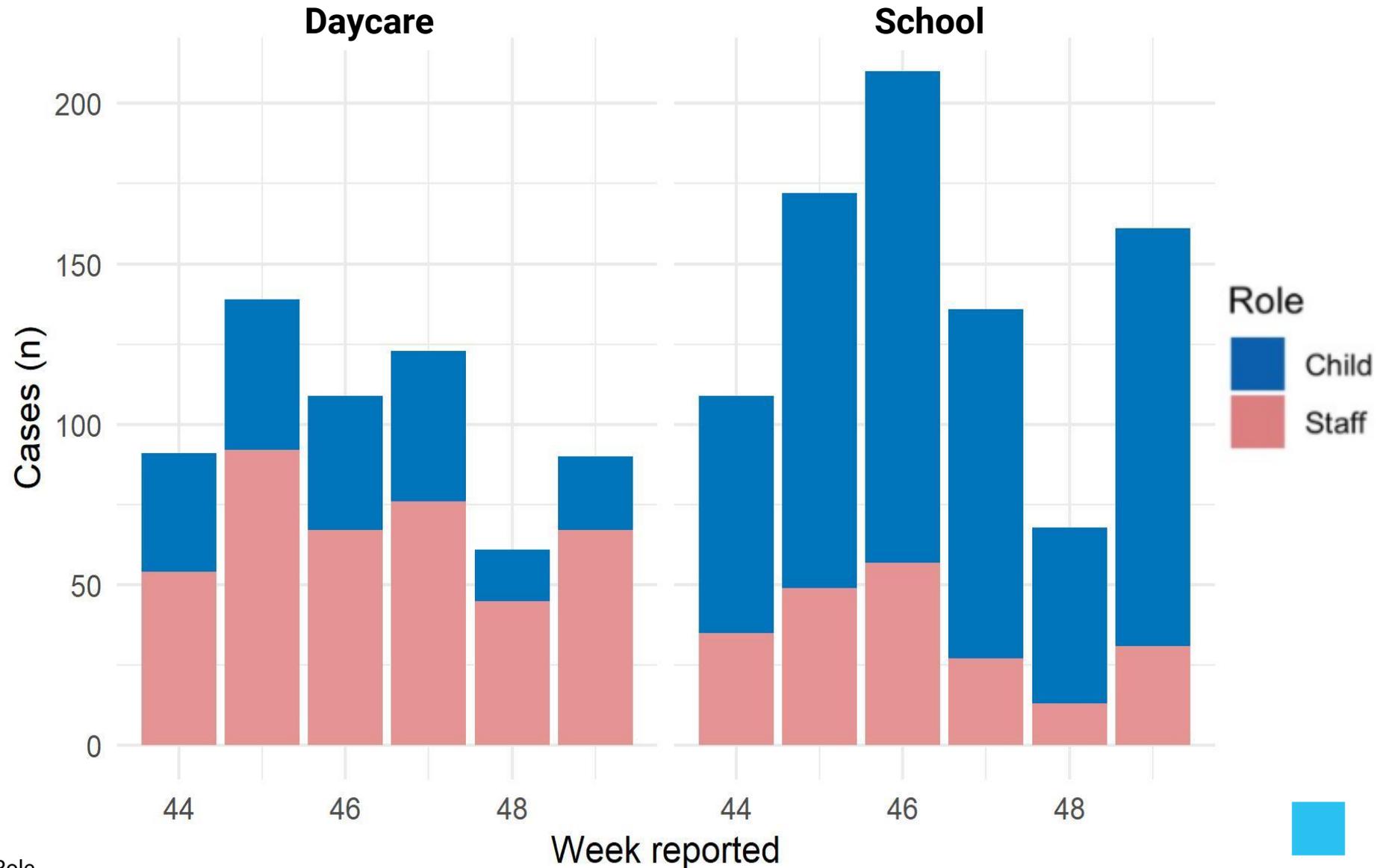
\*\*IDPH criteria for defining an outbreak in school settings was updated from 2 or more cases to 5 or more on October 27.

\*\*\*IDPH criteria for defining an outbreak in a child care setting/daycare remains at 2 or more cases. Cases must have symptom onsets within 14 days of each other and be epidemiologically linked to the outbreak setting.

# Higher Daycare and School Report Volume\* After Thanksgiving

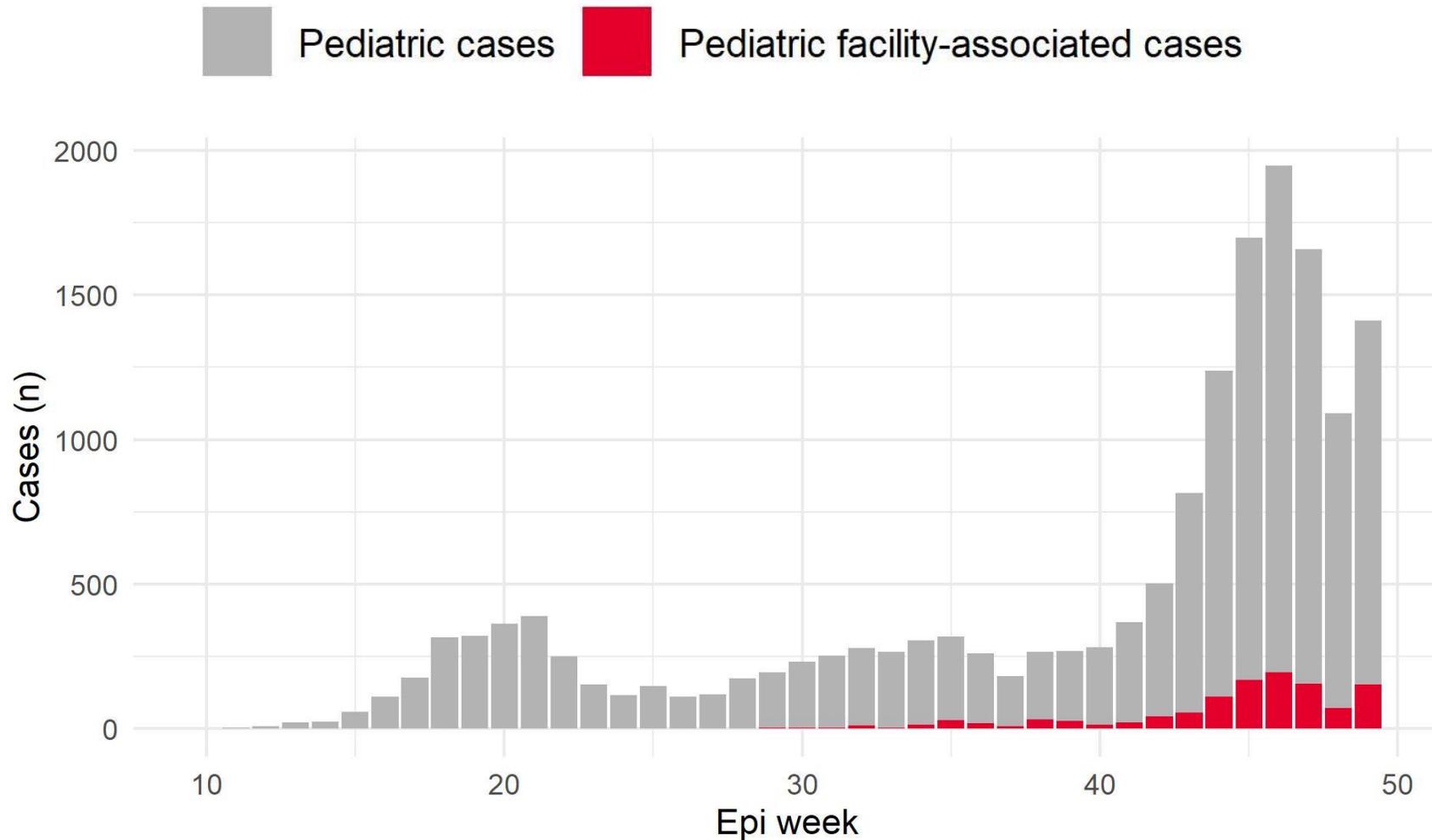


Over the past 6 weeks including in week 49, a higher proportion of staff were reported in daycares, compared to schools



\*Facility-Associated Cases in by Report Date and Role

# ★ Facility-Associated Cases in Youth Settings Remain a Low Proportion of Pediatric COVID-19 Cases Overall



# Pediatric cases (0-17 years-old) continue to be a small proportion of citywide cases (week 49)

